SHARP

SERVICE MANUAL/SERVICE-ANLEITUNG/MANUEL DE SERVICE

S2510RG-675H/

RG-675H
RG-675G
RG-975
RG-675X

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.
- Im Interesse der Benutzer-Sicherheit sollte dieses Gerät wieder auf seinen ursprünglichen Zustand eingestellt und nur die vorgeschriebenen Teile verwendet werden.
- Dans l'intérêt de la sécurité de l'utilisateur, l'appareil devra être reconstitué dans sa condition première et seules des pièces identiques à celles spécifiées, doivent être utilisées.

(E) REVISED EDITION

This additional supplementary edition newly prints the schematic diagram, the wiring side of P.W.B. and replacement parts list because circuits are modified. So, when servicing, refer to this in addition to the service manual already issued.

(D) VERBESSERTE AUFLAGE

Diese Zusatzausgabe hat den schematischen Schaltplan, die Verdrahtungsseite der Leiterplatte und die Ersatzteilliste neu gedruckt, weil die Kreise an mehreren Stellen modifiziert wurden. Einzelheiten über die Wartung sind, außer in der bereits herausgegebenen Service-Anleitung, auch in dieser Zusatzausgabe enthalten.

(F) EDITION REVUE ET CORRIGEE

Dans cette édition supplémentaire sont décrits un diagramme schématique, le câblage de la plaquette de montage imprimé et une liste des pièces de rechange pour fournir de nouveux renseignements concernant les circuits qui ont été modifiés. Ainsi, prière de se reporter à cette edition en plus du Manuel de service déjà publié au moment d'effectuer un dépannage.

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SHARP CORPORATION

(E) CORRECTION OF PARTS LIST RG-675H/G, RG-975

In the Parts List of the remote control unit, we have found printing errors in the description of the parts code, and they are corrected as follows. Here are also described the price codes which have been omitted in the previous Service Manual.

(D) BERICHTIGUNG DER ERSATZTEILLISTE RG-675H/G, RG-975

In der Ersatzteilliste der Fernbedienungseinheit entdeckten wir Druckfehler in der Beschreibung des Teilekodes, die wie folgt berichtigt werden. Hier werden auch die Preiskodes aufgeführt, die in der früheren Service-Anleitung weggelassen wurden.

(F) RECTIFICATION DE LA LISTE DES PIÈCES RG-675H/G, RG-975

Nous avons corrigé comme suit des fautes de code glissées dans la Liste des pièces de l'unité de télécommande. Nous avons également ajouté les codes de prix qui manquaient dans les Manuels de service précédents.

REF.NO.	INCORRECT PART NO.	CORRECT PART NO.	DESCRIPTION	CODE
IC951	RH-iX0477PAZZ		Transmitter, TC9148P	AN
D951	RH-PX0081PAZZ		LED, Infrared, TLN-105A	AD
D952	RH-PX0081PAZZ		LED, Infrared, TLN-105A	AD
C958	RC-EZT476AF0J	RC-EZ0018PAZZ	47 μF, 6.3V, ±20%	AC
	GCABA5297PSPA	GCABA5297PASA	Cabinet, Top	AM
	GCABB5297PSPA	GCABB5297PASA	Cabinet, Bottom	AE
	GCõVH0034PSPA	GCõVH0034PASA	Compartment Lid, Battery	AC
	HBDGS0015PSPA	HBDGS0015PASA	Badge	AA
	HiNDP0362PSPA	HiNDP0362PASA	Label, Specifications	AB
	LHLDF0048PAZZ		Holder, LED	AB
	MSPRP0169PSPA	MSPRP0169PASA	Rubber, Switch	AK
	PFiLW0079PSPA	PFiLW0079PASA	Infrared Filter, Red	AB
	QTANZ0032PAZZ		Terminal, +	AB
	QTANZ0033PAZZ		Terminal, −	AC
	QTANZ0034PAZZ		Terminal, +/−	AB

Ⓔ CHANGE OF TUNER CIRCUIT

The tuner circuit will be changed three times from the production in December 1984 till the production in February 1985, the details of which are shown in the following pages. Along with these changes, the adjustment procedures of the auto noise cut level are also changed as follows:

1. Connect FM signal generator to the antenna socket, and connect a voltmeter to the collector of transistor Q201 and ground.
2. Short-circuit both ends of electrolytic capacitor C205.
3. Adjust the semi-variable resistor VR1 so that the voltmeter reads 1V ±0.3V.

Ⓓ ÄNDERUNG DER TUNERSHCALTUNG

Die Tunerschaltung wird ab der Produktion im Dezember 1984 bis zur Produktion im Februar 1985 dreimal geändert; diesbezügliche Einzelheiten sind auf den folgenden Seiten angegeben. Im Zusammenhang mit diesen Änderungen wurden die Einstellverfahren der Geräuschunterdrückungspegelautomatik ebenfalls wie folgt geändert:

1. Den FM-Meßsender an die Antennenbuchse und einen Spannungsmesser an den Kollektor des Transistors Q201 und Masse anschließen.
2. Beide Enden des Elektrolvtkondensators C205 kurzschließen.
3. Den Trimmer VR1 so einstellen, daß der Spannungsmesser 1 V ±0,3 V anzeigt.

Ⓕ MODIFICATION DU CIRCUIT DU TUNER

Le circuit du tuner subira trois modifications entre décembre 1984 et février 1985, leurs détails sont indiqués dans les pages suivantes. Avec ces modifications, le procédé de réglage pour le niveau de suppression de bruit automatique est aussi changé comme suit:

1. Brancher le générateur de signal FM à la douille d'antenne, et un voltmètre au collecteur du transistor Q201 et à la terre.
2. Court-circuiter les deux extrémités du condensateur électrolytique C205.
3. Régler la résistance semi-variable VR1 pour que le voltmètre indique 1V ±0,3V.

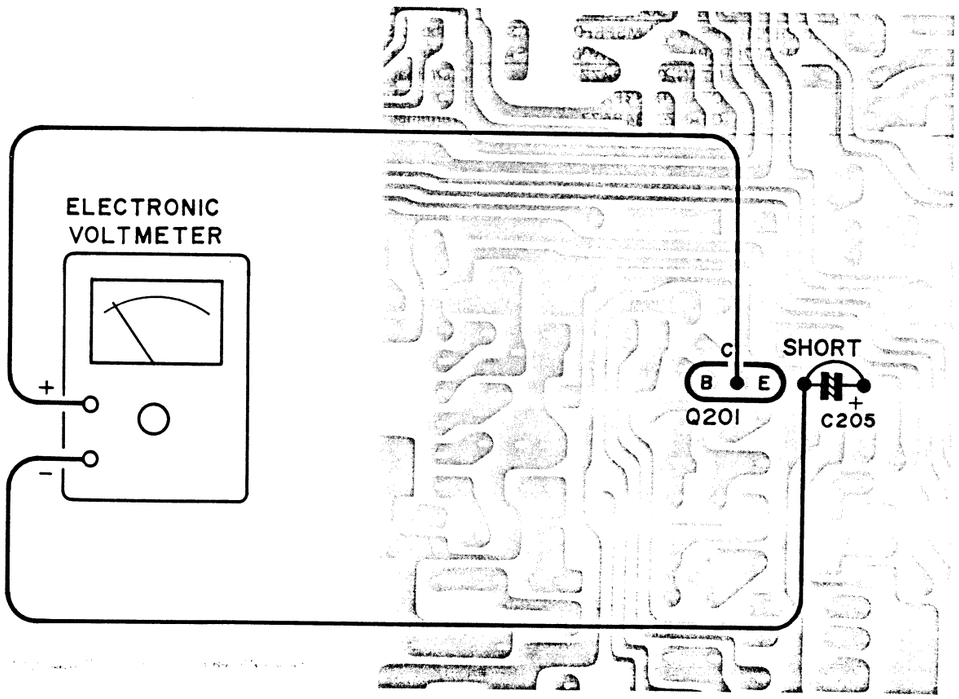


Figure 3

RG-675H

S'-No; 50203190 ~

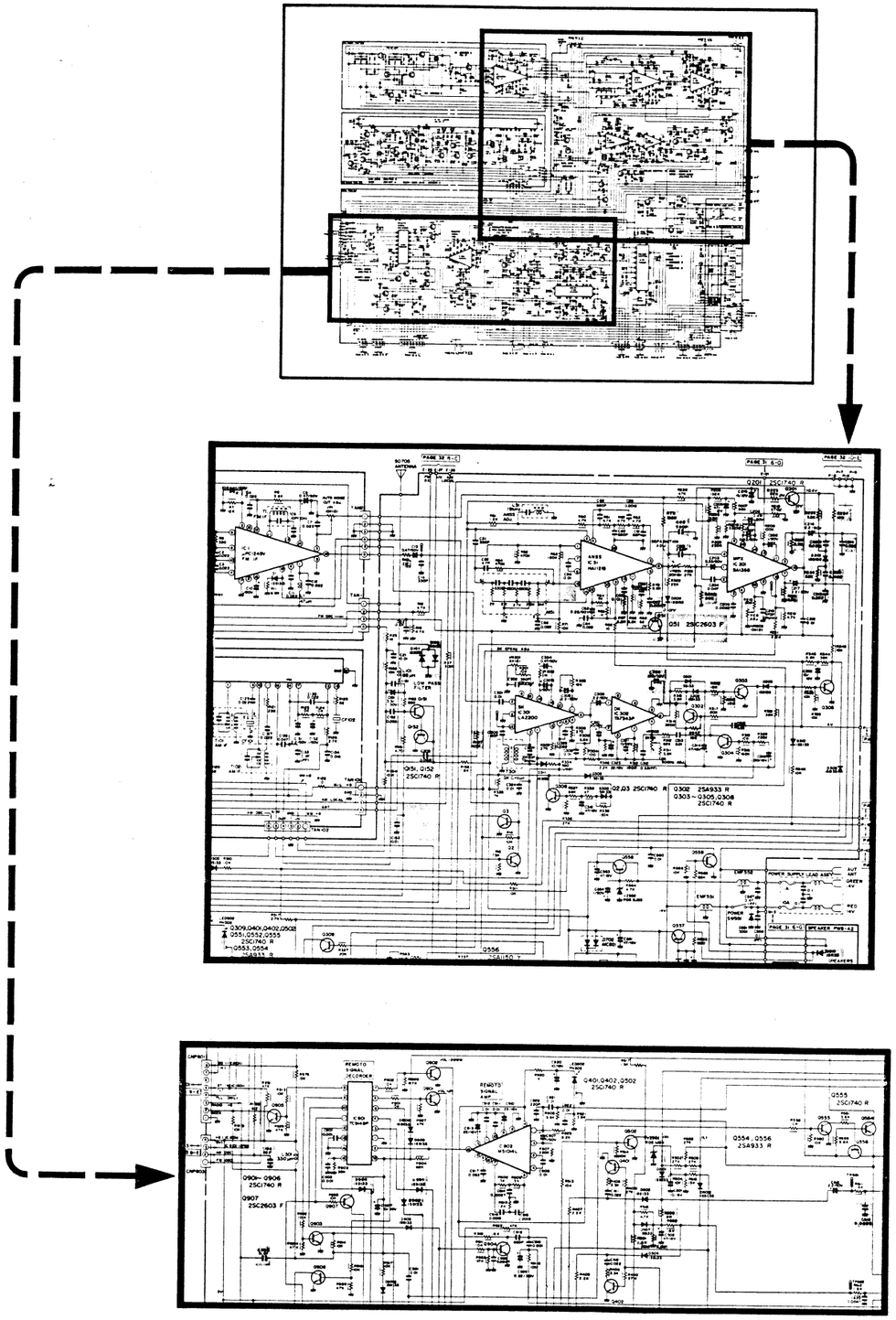


Figure 4 SCHEMATIC DIAGRAM

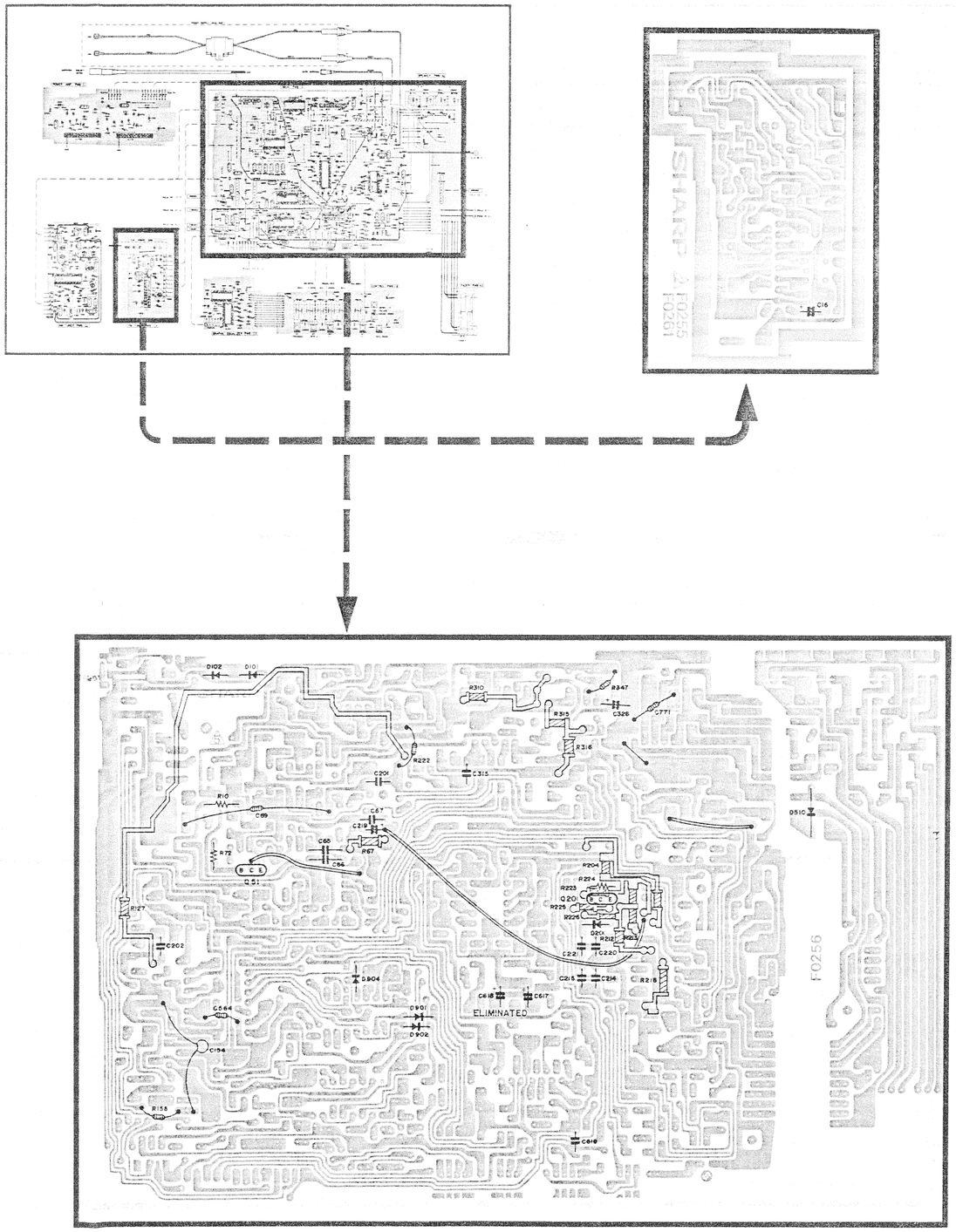


Figure 5 WIRING SIDE OF P.W.BOARD

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
		TRANSISTORS		
Q51	Not Used	VS2SC2603F/-1	Silicon, NPN, 2SC2603 F	AB
Q201	Not Used	VS2SC1740R/-1	Silicon, NPN, 2SC1740 R	AB
Q908	VS2SC2603F/-1	Not Used		
Q909	VS2SC2603F/-1	Not Used		
Q910	VS2SC2603F/-1	Not Used		
		DIODES		
D101	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D102	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D111	VHDMC931///-1	Not Used		
D112	VHDMC931///-1	Not Used		
D201	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D510	RH-DX1006AFZZ	VHD1SR35B//-1	Silicon, 1SR35	AB
D901	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D902	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D904	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
		ELECTROLYTIC CAPACITORS		
C16	VCTYPA1EX223M	RC-EZD105AF1H	1 μF, 50V, ±20%	AB
C219	Not Used	RC-EZD106AF1C	10 μF, 16V, ±20%	AB
C326	Not Used	RC-EZD107AF1C	100 μF, 16V, ±20%	AB
C617	RC-EZD476AF1C	RC-EZD107AF0J	100 μF, 6.3V, ±20%	AC
C618	RC-EZD476AF1C	Not Used		
		CAPACITORS		
C57	VCCSBT1HL330J	Not Used		
C65	VCKYBT1HB221K	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
C66	VCTYBT1CX472M	VCTYBT1CX332M	0.0033 μF, 16V, ±20%, Semiconductor	AA
C67	VCTYPA1EX472J	VCTYBT1CX472M	0.0047 μF, 16V, ±20%, Semiconductor	AA
C69	Not Used	VCKYBT1HB561K	560 pF, 50V, ±10%, Ceramic	AA
C154	Not Used	VCCSPU1HL820J	82 pF, 50V, ±5%, Ceramic	AA
C201	VCKYBT1HB331K	VCKYBT1HB221K	220 pF, 50V, ±10%, Ceramic	AA
C202	VCTYPA1EX473J	VCTYPA1CX683J	0.068 μF, 16V, ±5%, Semiconductor	AA
C214	VCTYPA1EX153K	VCTYPA1EX333J	0.033 μF, 25V, ±5%, Semiconductor	AB
C215	VCTYPA1EX153K	VCTYPA1EX333J	0.033 μF, 25V, ±5%, Semiconductor	AB
C220	Not Used	VCTYPA1CX823M	0.082 μF, 16V, ±20%, Semiconductor	AB
C221	Not Used	VCTYPA1CX823M	0.082 μF, 16V, ±20%, Semiconductor	AB
C315	VCTYPA1EX153K	VCTYPA1EX103M	0.01 μF, 25V, ±20%, Semiconductor	AA
C564	Not Used	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
C619	VCTYPA1EX153K	VCTYPU1EX682K	0.0068 μF, 25V, ±10%, Semiconductor	AB
		RESISTORS		
R10	VRD-ST2CD562J	VRD-ST2CD102J	1 kohm, 1/6W, ±5%, Carbon	AA
R72	Not Used	VRD-ST2CD154J	150 kohms, 1/6W, ±5%, Carbon	AA
R158	Not Used	VRD-ST2CD820J	82 ohms, 1/6W, ±5%, Carbon	AA
R222	Not Used	VRD-ST2CD563J	56 kohms, 1/6W, ±5%, Carbon	AA
R223	Not Used	P.R.C.	82 kohms	—
R224	Not Used	VRD-ST2CD103J	10 kohm, 1/6W, ±5%, Carbon	AA
R225	Not Used	P.R.C.	33 kohms	—
R226	Not Used	P.R.C.	33 kohms	—
R347	Not Used	VRD-ST2CD183J	18 kohms, 1/6W, ±5%, Carbon	AA

RG-675G/975

RG-675G S'-No; 41203579 ~
RG-975 S'-No; 41209512 ~

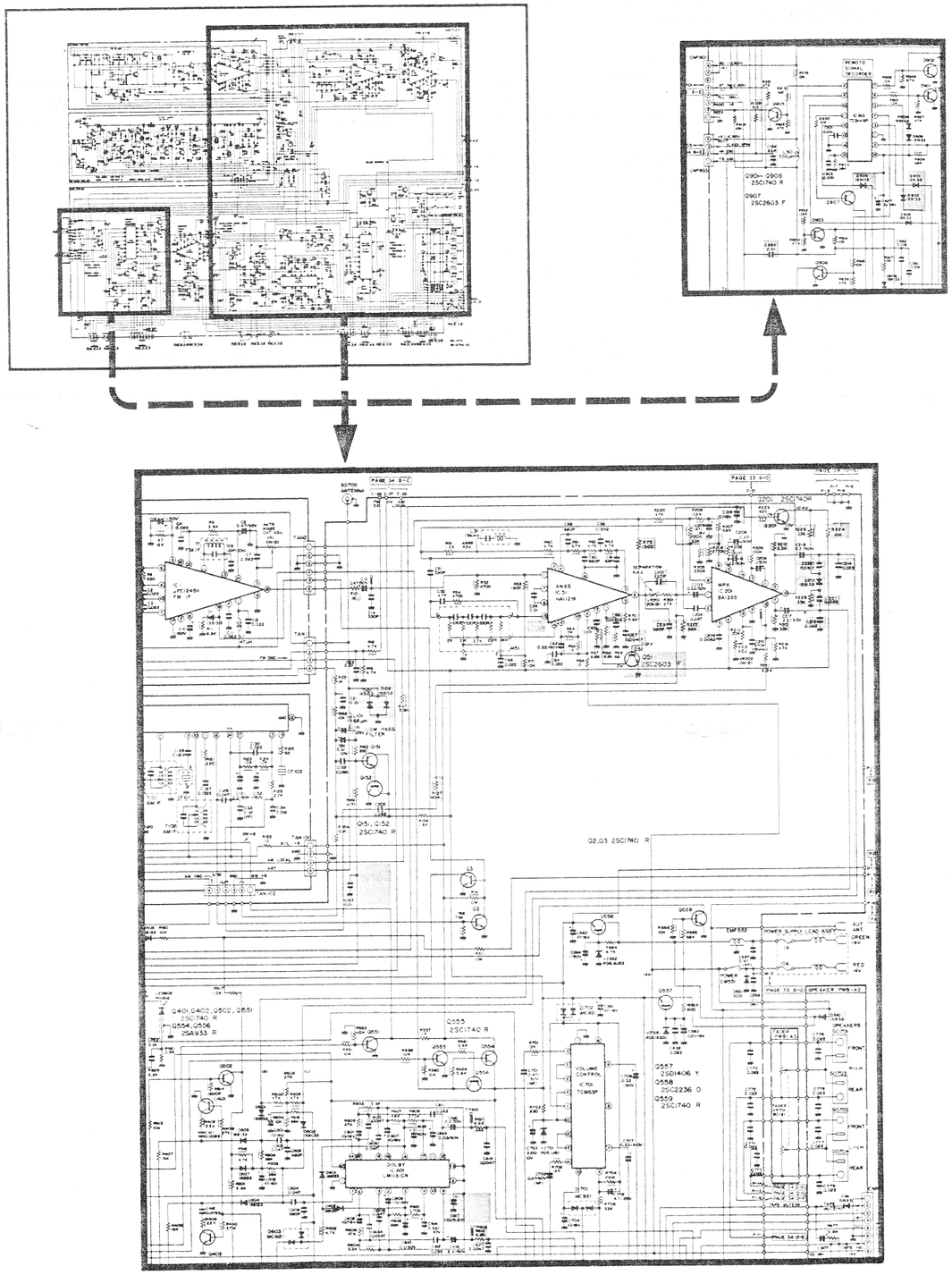
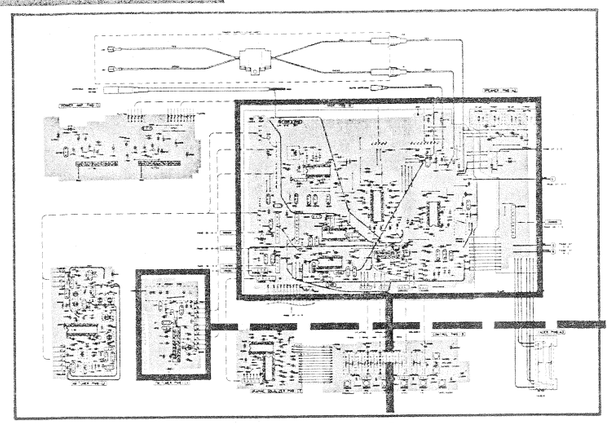
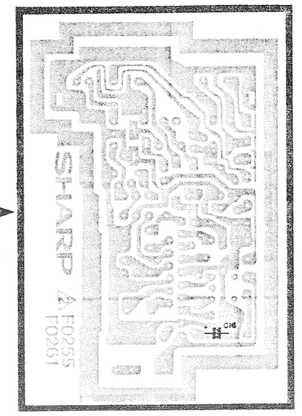


Figure 7 SCHEMATIC DIAGRAM

RG-675H | RG-675H





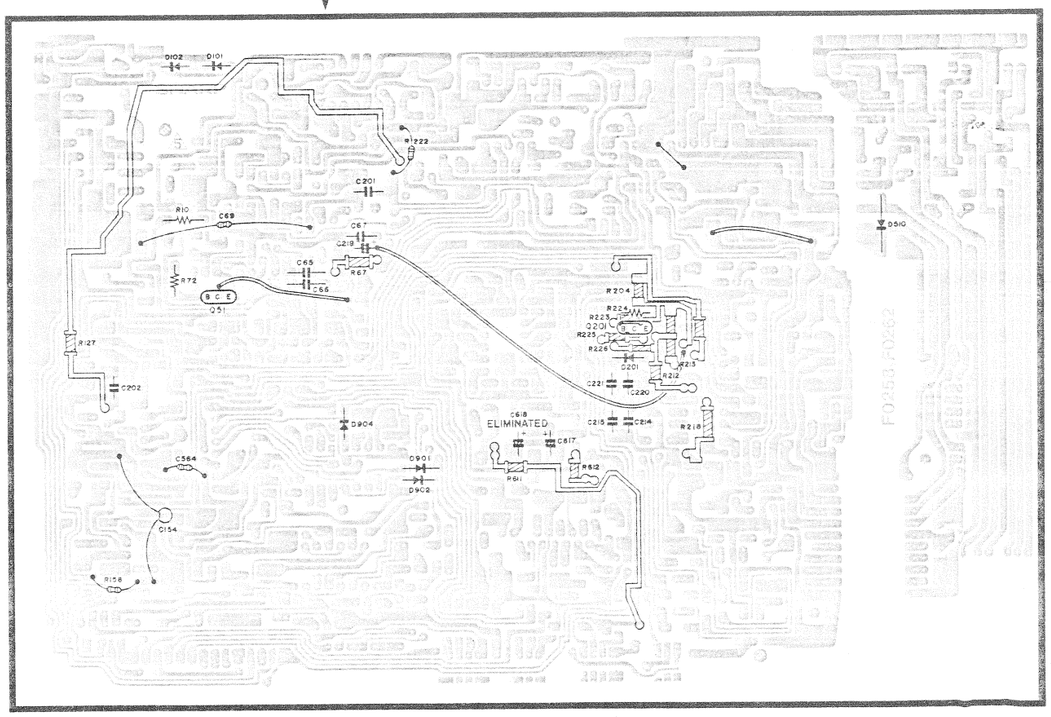


Figure 8 WIRING SIDE OF P.W.BOARD

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
		TRANSISTORS		
Q51	Not Used	VS2SC2603F/-1	Silicon, NPN, 2SC2603 F	AB
Q201	Not Used	VS2SC1740R/-1	Silicon, NPN, 2SC1740 R	AB
Q908	VS2SC2603F/-1	Not Used		
Q909	VS2SC2603F/-1	Not Used		
Q910	VS2SC2603F/-1	Not Used		
		DIODES		
D101	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D102	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D111	VHDMC931///-1	Not Used		
D112	VHDMC931///-1	Not Used		
D201	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D510	RH-DX1006AFZZ	VHD1SR35B//-1	Silicon, 1SR35	AB
D901	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D902	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D904	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
		ELECTROLYTIC CAPACITORS		
C16	VCTYPA1EX223M	RC-EZD105AF1H	1 μF, 50V, ±20%	AB
C219	Not Used	RC-EZD106AF1C	10 μF, 16V, ±20%	AB
C617	RC-EZD476AF1C	RC-EZD107AF0J	100 μF, 6.3V, ±20%	AC
C618	RC-EZD476AF1C	Not Used		
		CAPACITORS		
C57	VCCSBT1HL330J	Not Used		
C65	VCKYBT1HB221K	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
C66	VCTYBT1CX472M	VCTYBT1CX332M	0.0033 μF, 16V, ±20%, Semiconductor	AA
C67	VCTYPA1EX472J	VCTYBT1CX472M	0.0047 μF, 16V, ±20%, Semiconductor	AA
C69	Not Used	VCKYBT1HB561K	560 pF, 50V, ±10%, Ceramic	AA
C154	Not Used	VCCSPU1HL820J	82 pF, 50V, ±5%, Ceramic	AA
C201	VCKYBT1HB331K	VCKYBT1HB221K	220 pF, 50V, ±10%, Ceramic	AA
C202	VCTYPA1EX473J	VCTYPA1CX683J	0.068 μF, 16V, ±5%, Semiconductor	AA
C214	VCTYPA1EX153K	VCTYPA1EX333J	0.033 μF, 25V, ±5%, Semiconductor	AB
C215	VCTYPA1EX153K	VCTYPA1EX333J	0.033 μF, 25V, ±5%, Semiconductor	AB
C220	Not Used	VCTYPA1CX823M	0.082 μF, 16V, ±20%, Semiconductor	AB
C221	Not Used	VCTYPA1CX823M	0.082 μF, 16V, ±20%, Semiconductor	AB
C564	Not Used	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
		RESISTORS		
R10	VRD-ST2CD562J	VRD-ST2CD102J	1 kohm, 1/6W, ±5%, Carbon	AA
R72	Not Used	VRD-ST2CD154J	150 kohms, 1/6W, ±5%, Carbon	AA
R158	Not Used	VRD-ST2CD820J	82 ohms, 1/6W, ±5%, Carbon	AA
R222	Not Used	VRD-ST2CD563J	56 kohms, 1/6W, ±5%, Carbon	AA
R223	Not Used	P.R.C.	82 kohms	—
R224	Not Used	VRD-ST2CD103J	10 kohm, 1/6W, ±5%, Carbon	AA
R225	Not Used	P.R.C.	33 kohms	—
R226	Not Used	P.R.C.	33 kohms	—

RG-675X

S'-No; 50100206 ~
For Saudi Arabia S'-No; 50100826 ~

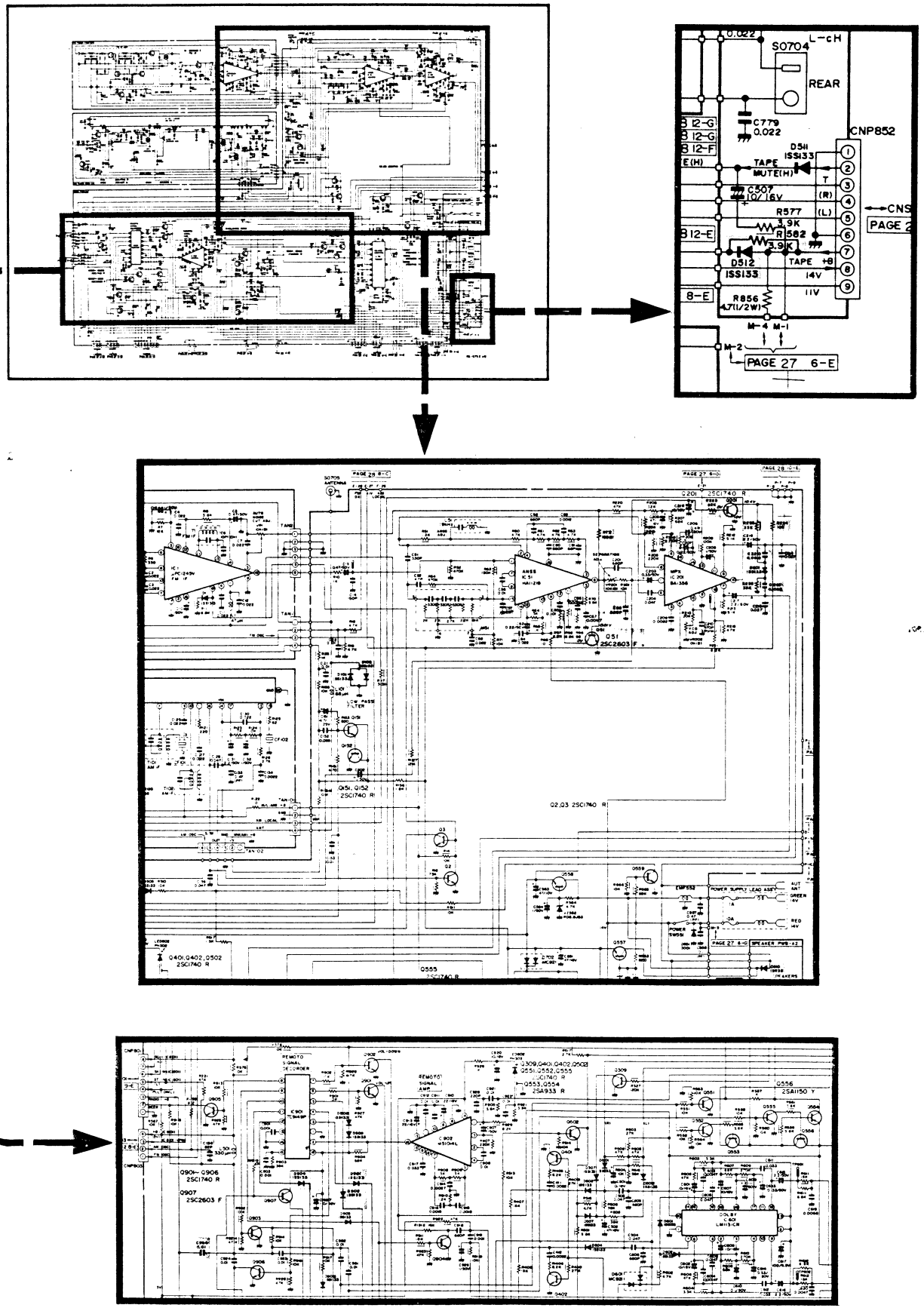


Figure 10 SCHEMATIC DIAGRAM

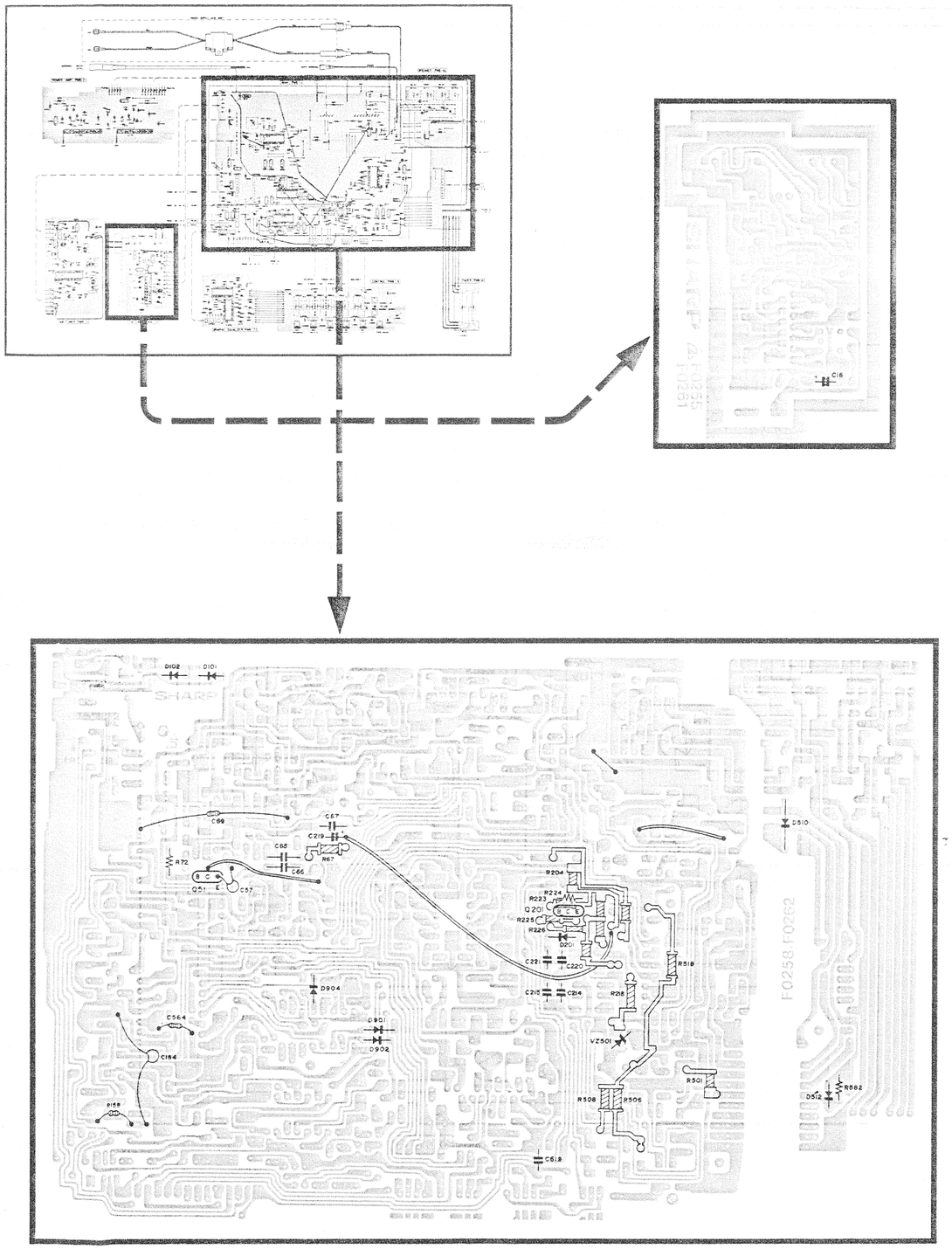


Figure 11 WIRING SIDE OF P.W.BOARD

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
		TRANSISTORS		
Q51	Not Used	VS2SC2603F/-1	Silicon, NPN, 2SC2603 F	AB
Q201	Not Used	VS2SC1740R/-1	Silicon, NPN, 2SC1740 R	AB
Q908	VS2SC2603F/-1	Not Used		
Q909	VS2SC2603F/-1	Not Used		
Q910	VS2SC2603F/-1	Not Used		
		DIODES		
D101	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D102	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D112	VHDMC931///-1	Not Used		
D201	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D510	RH-DX1006AFZZ	VHD1SR35B//-1	Silicon, 1SR35	AB
D512	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D901	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D902	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D904	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
VZ501	Not Used	VHERD5R1JB1-1	Zener, 5.1V, RD5.1JB1	AB
		ELECTROLYTIC CAPACITORS		
C16	VCTYPA1EX223M	RC-EZD105AF1H	1 μF, 50V, ±20%	AB
C219	Not Used	RC-EZD106AF1C	10 μF, 16V, ±20%	AB
		CAPACITORS		
C57	VCCSBT1HL330J	VCCSPU1HL220J	22 pF, 50V, ±5%, Ceramic	AA
C65	VCKYBT1HB221K	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
C66	VCTYBT1CX472M	VCTYBT1CX332M	0.0033 μF, 16V, ±20%, Semiconductor	AA
C67	VCTYPA1EX472J	VCTYBT1CX472M	0.0047 μF, 16V, ±20%, Semiconductor	AA
C69	Not Used	VCKYBT1HB561K	560 pF, 50V, ±10%, Ceramic	AA
C154	Not Used	VCCSPU1HL820J	82 pF, 50V, ±5%, Ceramic	AA
C214	VCTYPA1EX153K	VCTYPA1EX273K	0.027 μF, 25V, ±10%, Semiconductor	AB
C215	VCTYPA1EX153K	VCTYPA1EX273K	0.027 μF, 25V, ±10%, Semiconductor	AB
C220	Not Used	VCTYPA1CX683M	0.068 μF, 16V ±20%, Semiconductor	AA
C221	Not Used	VCTYPA1CX683M	0.068 μF, 16V, ±20%, Semiconductor	AA
C564	Not Used	VCTYBT1CY103N	0.01 μF, 16V, ±30%, Semiconductor	AA
C619	VCTYPA1EX472K	VCTYPA1EX822K	0.0082 μF, 25V, ±10%, Semiconductor	AA
		RESISTORS		
R72	Not Used	VRD-ST2CD154J	150 kohms, 1/6W, ±5%, Carbon	AA
R158	Not Used	VRD-ST2CD820J	82 ohms, 1/6W, ±5%, Carbon	AA
R223	Not Used	P.R.C.	82 kohms	—
R224	Not Used	VRD-ST2CD103J	10 kohm, 1/6W, ±5%, Carbon	AA
R225	Not Used	P.R.C.	33 kohms	—
R226	Not Used	P.R.C.	33 kohms	—
R582	Not Used	VRD-ST2CD392J	3.9 kohms, 1/6W, ±5%, Carbon	AA

(E) CHANGE OF MECHANISM CONTROL CIRCUIT

Since the production in November 1984, the mechanism control circuit has been largely changed for performance improvement. We here give you the Schematic Diagram, Wiring Side of P.W. Board and Parts List which are related to the new type of mechanism control circuit.

- The change for each model has started from the production period as follows:
  RG-675G: From S'-No; 41103379
  RG-675H: From S'-No; 50203190
  RG-675X: From S'-No; 41200106
  RG-675X (for Saudi Arabia): From S'-No; 41200426
  RG-975: From S'-No; 41107012

(D) ÄNDERUNG DES LAUFWERK-STEUERSTROMKREISES

Beginnend ab der Produktion im November 1984 wurde der Laufwerk-Steuerstromkreis im Sinne der Leistungsverbesserung wesentlich geändert. Nachstehend finden Sie den schemtaischen Schaltplan, die Verdrahtungsseite der Leiterplatte und die Ersatzteilliste bezüglich der neuen Art des Laufwerk-Steuerstromkreises.

- Die Änderung für die einzelnen Modelle begann ab der Produktionsperiode wie folgt:
  RG-675G: ab S'-Nr; 41103379
  RG-675H: ab S'-Nr; 50203190
  RG-675X: ab S'-Nr; 41200106
  RG-675X (für Saudiarabien): ab S'-Nr; 41200426
  RG-975: ab S'-Nr; 41107012

(F) MODIFICATION DU CIRCUIT DE COMMANDE MÉCANIQUE

Depuis novembre 1984, le circuit de commande mécanique a été largement modifié pour une amélioration de qualité. Nous vous présentons donc le Diagramme schématique, le côté câblage de la P.M.I. et la Liste des pièces.

- Chaque modèle a été modifié à partir du numéro de série indiqué ci-dessous:
  RG-675G: S'-N°; 41103379
  RG-675H: S'-N°; 50203190
  RG-675X: S'-N°; 41200106
  RG-675X (pour Arabie Saoudite): S'-N°; 41200426
  RG-975: S'-N°; 41107012

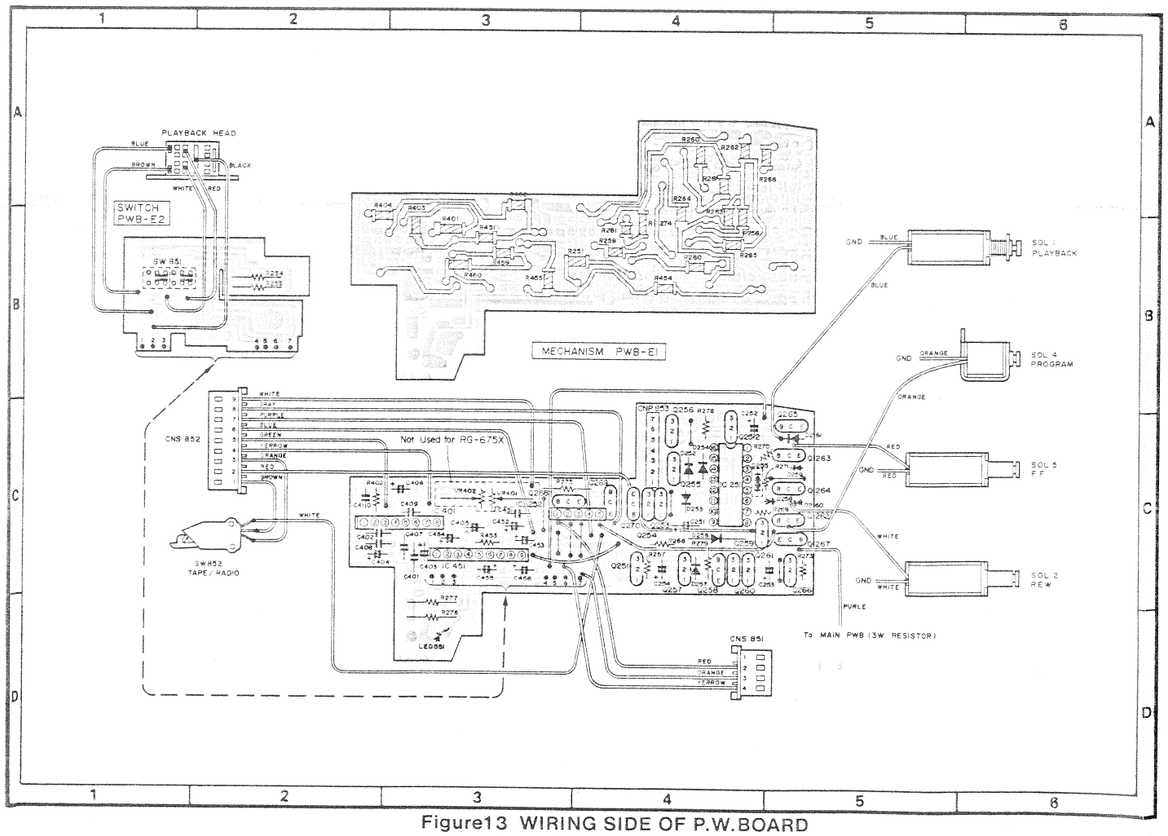


Figure13 WIRING SIDE OF P.W.BOARD

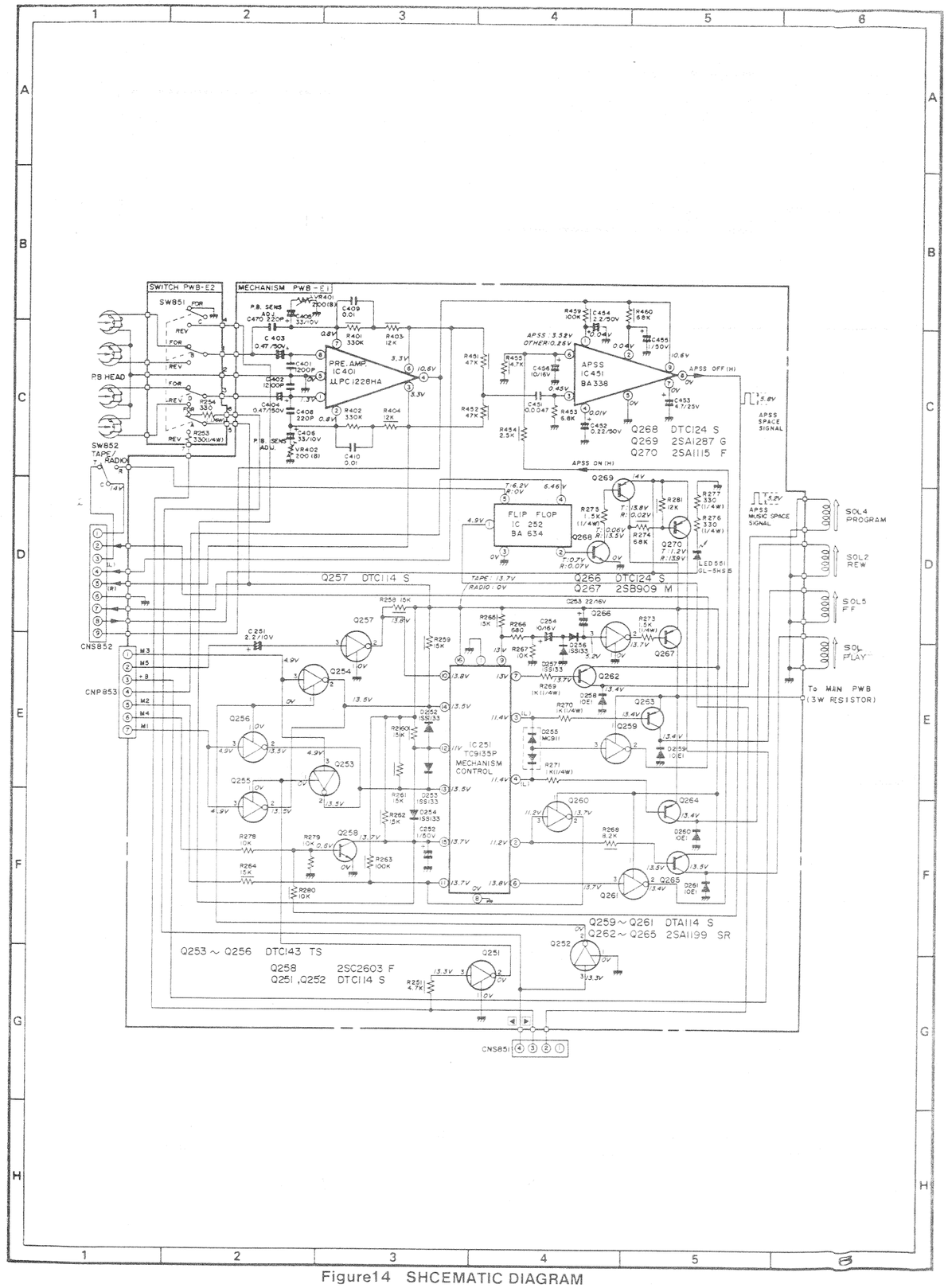


Figure14 SHCEMATIC DIAGRAM

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
		INTEGRATED CIRCUITS		
IC251	Not Used	VHiTC9135P/-1	Mechanism Control, TC9135P	AK
IC252	Not Used	VHiBA634///-1	Flip Flop, BA634	AH
IC852	VHiBA634///-1	Not Used		
		TRANSISTORS		
Q251	Not Used	VSDTC114S//-1	Transistor Assembly, DTC114 S	AB
Q252	Not Used	VSDTC114S//-1	Transistor Assembly, DTC114 S	AB
Q253	Not Used	VSDTC143TS/-1	Transistor Assembly, DTC143 TS	AB
Q254	Not Used	VSDTC143TS/-1	Transistor Assembly, DTC143 TS	AB
Q255	Not Used	VSDTC143TS/-1	Transistor Assembly, DTC143 TS	AB
Q256	Not Used	VSDTC143TS/-1	Transistor Assembly, DTC143 TS	AB
Q257	Not Used	VSDTC114S//-1	Transistor Assembly, DTC114 S	AB
Q258	Not Used	VS2SC2603-F-1	Silicon, NPN, 2SC2603 F	AB
Q259	Not Used	VSDTA114S//-1	Transistor Assembly, DTA114 S	AB
Q260	Not Used	VSDTA114S//-1	Transistor Assembly, DTA114 S	AB
Q261	Not Used	VSDTA114S//-1	Transistor Assembly, DTA114 S	AB
Q262	Not Used	VS2SB909M-R-1	Silicon, PNP, 2SB909 M	AC
Q263	Not Used	VS2SA1199SR-3	Silicon, PNP, 2SA1199 SR	AC
Q264	Not Used	VS2SA1199SR-3	Silicon, PNP, 2SA1199 SR	AC
Q265	Not Used	VS2SA1199SR-3	Silicon, PNP, 2SA1199 SR	AC
Q266	Not Used	VSDTC124S//-1	Transistor Assembly, DTC124 S	AB
Q267	Not Used	VS2SB909M-R-1	Silicon, PNP, 2SB909 M	AC
Q268	Not Used	VSDTC124S//-1	Transistor Assembly, DTC124 S	AB
Q269	Not Used	VS2SA1287G/-1	Silicon, PNP, 2SA1287 G	AD
Q270	Not Used	VS2SA1115-F-1	Silicon, PNP, 2SA1115 F	AB
Q855	VS2SB909M-Q-1	Not Used		
Q856	VS2SA1115-F-1	Not Used		
Q857	VS2SD1225MQ-1	Not Used		
Q858	VS2SA1115-F-1	Not Used		
Q859	VS2SC2603-F-1	Not Used		
Q860	VS2SB909M-Q-1	Not Used		
Q861	VS2SA1115-F-1	Not Used		
Q862	VS2SC2603-F-1	Not Used		
Q863	VS2SC2603-F-1	Not Used		
Q864	VS2SC2603-F-1	Not Used		
Q865	VS2SC2603-F-1	Not Used		
Q866	VS2SA1115-F-1	Not Used		
Q867	VS2SA1115-F-1	Not Used		
Q868	VS2SA1115-F-1	Not Used		
Q869	VS2SA1115-F-1	Not Used		
Q870	VS2SD1225MQ-1	Not Used		
Q875	VS2SC2603-F-1	Not Used		
		THYRISTORS		
Q851	VHSCR02AM1B-1	Not Used		
Q852	VHSCR02AM1B-1	Not Used		
Q853	VHSCR02AM1B-1	Not Used		
Q854	RH-TX1007AFZZ	Not Used		
		DIODES		
D252	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D253	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D254	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D255	Not Used	VHDMC911///-1	Silicon, MC911	AB
D256	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D257	Not Used	VHD1SS133//-1	Silicon, 1SS133	AA
D258	Not Used	RH-DX1006AFZZ	Silicon, 10E1	AB
D259	Not Used	RH-DX1006AFZZ	Silicon, 10E1	AB
D260	Not Used	RH-DX1006AFZZ	Silicon, 10E1	AB
D261	Not Used	RH-DX1006AFZZ	Silicon, 10E1	AB
D854	VHD1SR35B//-1	Not Used		
D856	VHD1SS133//-1	Not Used		
D857	VHD1SS133//-1	Not Used		
D858	VHD1SS133//-1	Not Used		
D859	VHD1SS133//-1	Not Used		
D861	VHD1SS133//-1	Not Used		

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
D862	VHD1SS133//-1	Not Used		
D863	VHD1SS133//-1	Not Used		
D864	VHD1SS133//-1	Not Used		
D869	VHD1SS133//-1	Not Used		
D870	VHD1SS133//-1	Not Used		
D871	VHD1SS133//-1	Not Used		
D872	VHD1SS133//-1	Not Used		
D873	VHDMC921///-1	Not Used		
D874	VHD1SS133//-1	Not Used		
D875	VHD1SS133//-1	Not Used		
D876	VHD1SS133//-1	Not Used		
D877	VHD1SS133//-1	Not Used	RG-675H Only	
LED853	VHPLT8002R/-1	Not Used		
VZ851	VHERD5R1JB1-1	Not Used		
VZ852	VHERD5R1JB1-1	Not Used		
ELECTROLYTIC CAPACITORS (All electrolytic capacitors are ±20% type.)				
C251	Not Used	VCSATU1AF225M	2.2 μF, 10V	AB
C252	Not Used	RC-EZY105AF1H	1 μF, 50V	AB
C253	Not Used	RC-EZY226AF1C	22 μF, 16V	AB
C254	Not Used	RC-EZD106AF1C	1 μF, 16V	AB
C403	RC-EZD474AF1H	RC-EZY474AF1H	0.47 μF, 50V	AB
C404	RC-EZD474AF1H	RC-EZA474AF1H	0.47 μF, 50V	AB
C405	RC-EZD336AF1A	RC-EZY336AF1A	33 μF, 10V	AB
C452	RC-EZD224AF1H	RC-EZY224AF1H	0.22 μF, 50V	AB
C453	RC-EZD475AF1E	RC-EZY475AF1E	4.7 μF, 25V	AB
C454	RC-EZD225AF1H	RC-EZY225AF1H	2.2 μF, 50V	AB
C455	RC-EZT684AF1H	RC-EZY105AF1H	1 μF, 50V, RG-675H	AB
C455	RC-EZT105AF1H	RC-EZY105AF1H	1 μF, 50V, RG-675G/975/675X	AB
C456	RC-EZD225AF1H	RC-EZY106AF1C	10 μF, 16V, RG-675H	AB
C456	RC-EZD106AF1H	RC-EZY106AF1C	10 μF, 16V, RG-675G/975/675X	AB
C851	RC-EZD106AF1C	Not Used		
C852	RC-EZD106AF1C	Not Used		
C853	RC-EZD335AF1H	Not Used		
C856	RC-EZD226AF1C	Not Used		
C858	RC-EZD105AF1H	Not Used		
CAPACITORS				
C401	VCKYBT1HB681K	VCTYBT1CX122M	0.0012 μF, 16V, ±20%, Semiconductor	AA
C402	VCKYBT1HB681K	VCTYBT1CX122M	0.0012 μF, 16V, ±20%Semiconductor	AA
C409	VCTYPA1EX123K	VCTYPA1EX103K	0.01 μF, 25V, ±10%, Semiconductor, RG-675H Only	AA
C410	VCTYPA1EX123K	VCTYPA1EX103K	0.01 μF, 25V, ±10%, Semiconductor, RG-675H Only	AA
C451	VCTYPA1EX472K	VCTYBT1CX472M	0.0047 μF, 16V, ±20%, Semiconductor	AA
C854	VCTYBT1CY103N	Not Used		
C855	VCTYBT1CY103N	Not Used		
C857	VCTYPV1EX102K	Not Used		
RESISTORS (Unless otherwise specified, resistors are ±5%, carbon type.)				
R253	Not Used	VRD-ST2EE331J	330 ohms, 1/4W	AA
R254	Not Used	VRD-ST2EE331J	330 ohms, 1/4W	AA
R266	Not Used	VRD-ST2CD681J	680 ohms, 1/6W	AA
R267	Not Used	VRD-ST2CD103J	10 kohm, 1/6W	AA
R269	Not Used	VRD-SU2EE102J	1 kohm, 1/4W	AA
R270	Not Used	VRD-RU2EE102J	1 kohm, 1/4W	AA
R271	Not Used	VRD-SU2EE102J	1 kohm, 1/4W	AA
R273	Not Used	VRD-SU2EE152J	1.5 kohms, 1/4W	AA
R275	Not Used	VRD-ST2EE152J	1.5 kohms, 1/4W	AA
R276	Not Used	VRD-ST2EE331J	330 ohms, 1/4W	AA
R277	Not Used	VRD-ST2EE331J	330 ohms, 1/4W	AA
R278	Not Used	VRD-ST2CD103J	1 kohm, 1/6W	AA
R279	Not Used	VRD-ST2CD103J	1 kohm, 1/6W	AA
R402	Not Used	VRD-ST2CD334J	330 kohms, 1/6W	AA
R412	VRD-ST2CD470J	Not Used	RG-675X Only	
R413	VRD-ST2CD470J	Not Used	RG-675X Only	
R572	VRD-ST2CD681J	Not Used	RG-675H	
R572	VRD-ST2CD331J	Not Used	RG-675G/975/675X	
R573	VRD-ST2CD331J	Not Used	RG-675G/975/675X Only	

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
R852	VRD-ST2CD561J	Not Used	RG-675H/675G/975	
R852	VRD-SU2CD561J	Not Used	RG-675X	
R853	VRD-RU2EE102J	Not Used		
R860	VRD-ST2CD182J	Not Used		
R868	VRD-SU2BB471J	Not Used		
R872	VRD-ST2CD272J	Not Used	RG-675H Only	
R875	VRD-ST2EE102J	Not Used		
R883	VRD-ST2CD182J	Not Used		
R897	VRD-ST2CD222J	Not Used		
R898	VRD-ST2HD271J	Not Used		
R899	VRD-ST2EE102J	Not Used		
R1454	VRD-ST2CD332J	Not Used	RG-675G/975 Only	
R1854	VRD-ST2CD152J	Not Used	RG-675H Only	
R1854	VRD-ST2CD222J	Not Used	RG-675X Only	
R1862	VRD-ST2CD182J	Not Used	RG-675H Only	
R1864	VRD-ST2CD182J	Not Used	RG-675H Only	
R1872	VRD-ST2CD272J	Not Used	RG-675G/975 Only	
R1893	VRD-ST2CD473J	Not Used	RG-675G/975 Only	
R1894	VRD-ST2CD103J	Not Used	RG-675G/975 Only	
OTHER CIRCUITRY PARTS				
CNS851	QCNW-2592AFZZ	QCNW-3006AFZZ	Connector Assembly, 9-4Pin	AG
CNS852	———	———	Part No. of CNS851	—
SOL1	RPRU-0178AFZZ	RPLU-0188AFZZ	Solenoid, Playback	AP
SOL2	RPRU-0179AFZZ	RPLU-0191AFZZ	Solenoid, REW	AK
SOL4	RPRU-0180AFZZ	RPLU-0189AFZZ	Solenoid, Program	AH
SOL5	RPRU-0186AFZZ	RPLU-0190AFZZ	Solenoid, FF	AP
MECHANICAL PARTS				
2	LANGF0890AFFW	LANGF0930AFFW	Bracket, Solenoid	AC
68	Not Used	QLUGP0168AFZZ	Lug	AA
P.W.B. ASSEMBLY (Not Replacement Item)				
PWB-E 1,2	DUNTZ0557AF03 (Combined Assembly)	DUNTZ0591AF03 (Combined Assembly)	Mechanism/Switch, RG-675H/675G/975	—
PWB-E 1,2	DUNTZ0557AF06 (Combined Assembly)	DUNTZ0591AF06 (Combined Assembly)	Mechanism/Switch, RG-675X	—

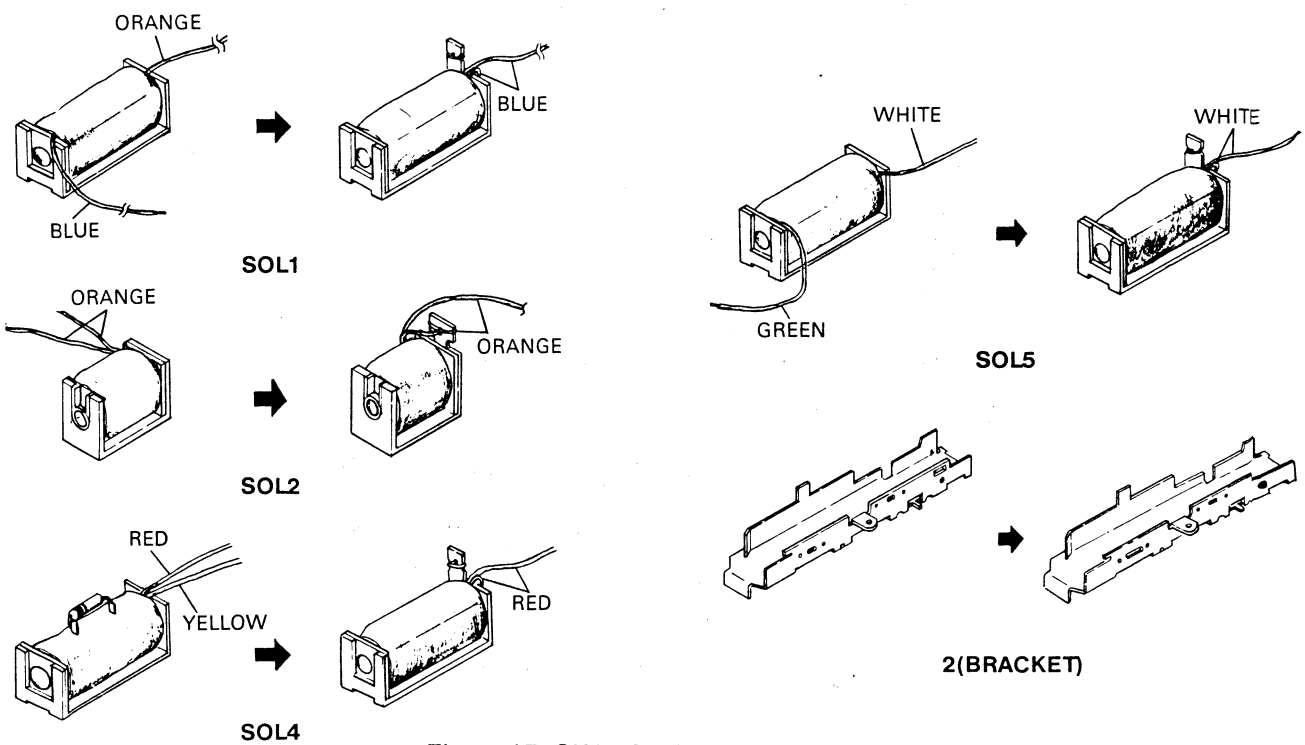


Figure 17 CHANGE OF PARTS

Ⓔ CHANGE OF OTHER SECTION
Ⓓ ÄNDERUNG DES ANDEREN TEILS
Ⓕ MODIFICATION DES AUTRES SECTIONS

RG-675H: S'-No; 50203190 ~
RG-675G: S'-No; 41203579 ~
RG-975: S'-No; 50209512 ~
RG-675X: S'-No; 41200106 ~
RG-675X (for Saudi Arabia): S'-No; 41200426 ~

REF.NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	CODE
		OTHER CIRCUITRY PARTS		
SW653	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW654	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW655	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW656	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW657	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW658	QSW-K0075AFZZ	QSW-K0074AFZZ	Switch, Push Type	AC
SW801	QSW-K0076AFZZ	QSW-K0077AFZZ	Switch, Push Type	AC
SW802	QSW-K0076AFZZ	QSW-K0077AFZZ	Switch, Push Type	AC
SW803	QSW-K0076AFZZ	QSW-K0077AFZZ	Switch, Push Type	AC
SW804	QSW-K0076AFZZ	QSW-K0077AFZZ	Switch, Push Type, RG-675H Only	AC
SW805	QSW-K0076AFZZ	QSW-K0077AFZZ	Switch, Push Type	AC
		CABINET PARTS		
107	GWAKP1152AFSA	GWAKP1162AFSA	Nose Piece Assembly	AM
110	JKNBM0569AFSA	JKNBM0568AFSA	Button, Mechanism Control	AB
177	Not Used	PSPŌ-0068AF08	Sponge, 103mm × 8mm	AB
178	Not Used	PSPŌ-0069AF08	Sponge, 60 mm × 6mm	AA

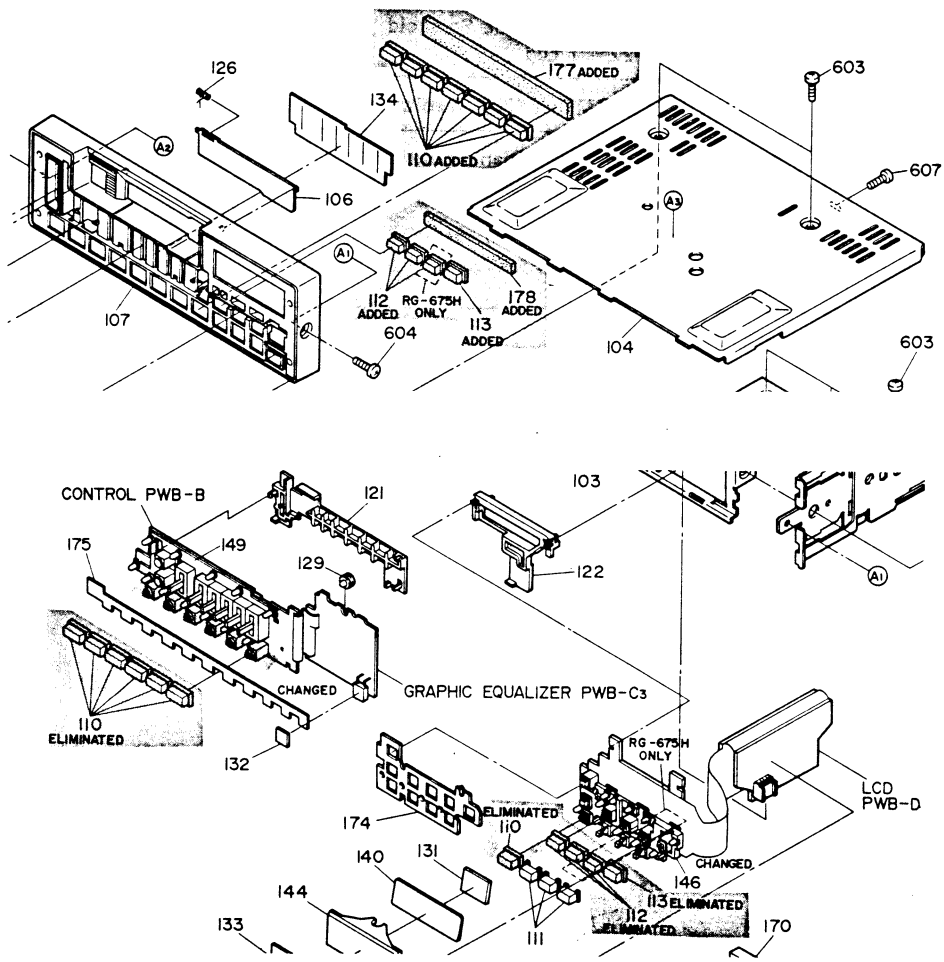


Figure 18 CABINET EXPLODED VIEW

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